

IAEA CERTIFICATE OF COMPETENT AUTHORITY SPECIAL FORM RADIOACTIVE MATERIALS CERTIFICATE USA/0074/S-96, REVISION 7

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive material.

- 1. <u>Source Identification</u> 3M Model 4F6P. All sources authorized by this certificate shall have been manufactured prior to October 14, 1991.
- 2. <u>Source Description</u> The source is a welded stainless steel double encapsulation. The diameter of the outer capsule is 12.7 mm (0.5 in.) and the diameter of the inner capsule is 3.17 mm (0.125 in.). The overall length ranges from 63.5 mm (2.5 in.) to 1867 mm (73.5 in.). The active length of the radioactive contents is 38.1 mm (1.5 in.) less than the overall length. The source shall be manufactured in accordance with attached 3M Drawing No. 12-1921-0855-8.
- 3. Radioactive Contents No more than 0.37 TBq (10 Ci) of Cesium-137 in the form of 3M Brand Radiating Ceramic Microspheres. The activity per unit length in the inner capsule is uniform, and ranges from small values up to approximately 1.17 GBq/mm (0.8 Ci/in.).
- 4. Quality Assurance Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the applicable requirements of Subpart H of 10 CFR 71.
- 5. Expiration Date This certificate expires on May 31, 2012.

¹ "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency(IAEA), Vienna, Austria.

² Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

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This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the April 16, 2007 petition by J.L. Shepherd, San Fernando, CA, and in consideration of other information on file in this Office.

Certified By:

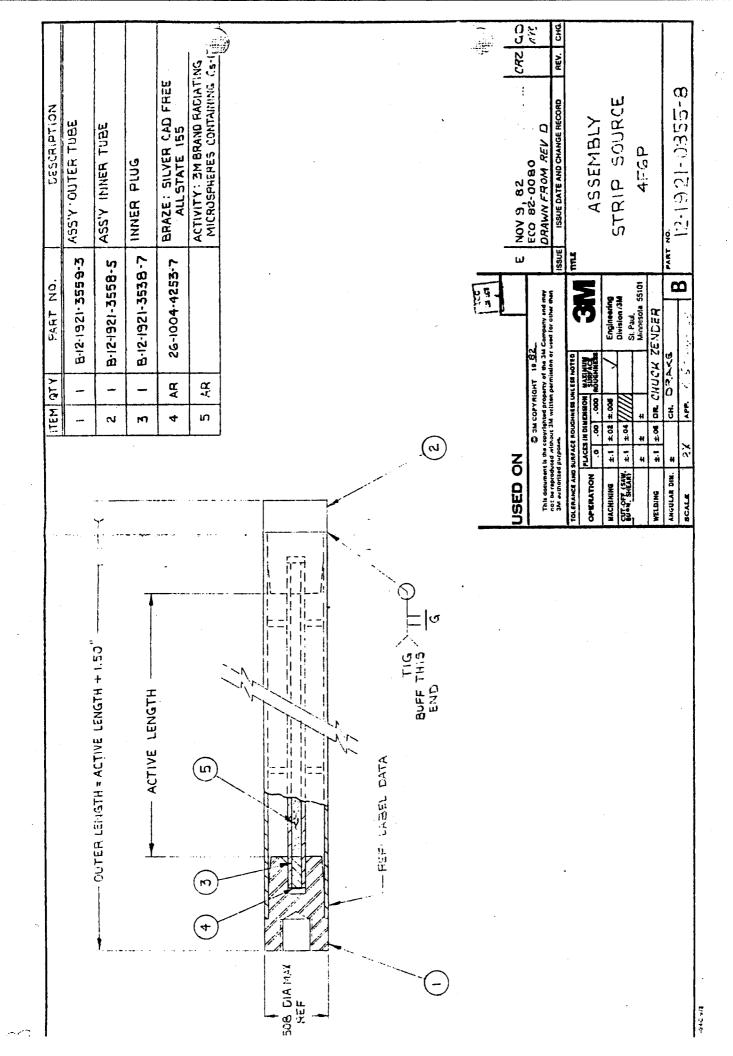
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May 04 2007

(DATE)

Deputy Associate Administrator for Hazardous Materials Safety

Revision 7 - Issued to extend the expiration date.







Pipeline and Hazardous Materials Safety Administration

CERTIFICATE NUMBER: USA/0074/S-96, Revision 7

ORIGINAL REGISTRANT(S):

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REGISTERED USER(S):

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